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## TRANSMITTAL FORM

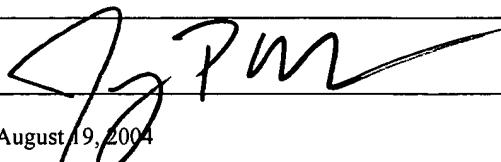
*(to be used for all correspondence after initial filing)*

Application Number Filing Date First Named Inventor Art Unit Examiner Name	10/618,781 July 14, 2003 Christopher M. Jones 1732 Michael Colaianni
Total Number of Pages in This Submission	1
Attorney Docket Number	
1391-34300 (JPW)	

### ENCLOSURES (check all that apply)

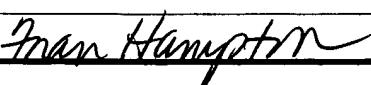
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement In Conjunction with an (eIDS) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> <li>• Form PTO-1449 (1 p.) (w/copies of cited references)</li> <li>• Postcard</li> </ul>
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Jeremy P. Welch, Reg. No. 52,348		
Signature			
Date	August 19, 2004		

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name	Fran Hampton		
Signature		Date	August 19, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Christopher M. Jones

§ GROUP ART UNIT: 1732

SERIAL NO.: 10/618,781

§  
§ EXAMINER: Michael Colaianni

FILED: July 14, 2003

§  
§  
§

FOR: Method for Preparing and  
Processing A Sample for  
Intensive Analysis

§  
§  
§

**INFORMATION DISCLOSURE STATEMENT**  
**IN CONJUNCTION WITH AN (eIDS)**

Atty. Dkt. No.: 1391-34300

Date: August 19, 2004

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

**Electronic Information Disclosure Statement**

As a part of this submission, an electronic Information Disclosure Statement (eIDS) is being transmitted on this date, and includes a listing of U.S. Patent and Published Applications of which Applicants are aware. A printed copy of that submission is attached hereto.

In accordance with 37 C.F.R. 1.98(e), no paper copies of those U.S. Patent and Published Applications are enclosed.

No Office Action on the merits has been received in the present application, and Applicant believes that no fee is due. In the event that an Office Action dated prior to the mailing date of this Information Disclosure Statement has been issued, please charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$180, so that this Information Disclosure Statement may be considered under Rule 1.97(c).

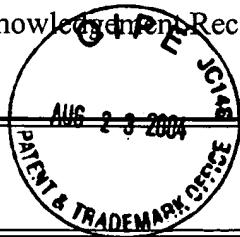
Respectfully submitted,



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Jeremy P. Welch  
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P. O. Box 3267  
Houston, Texas 77253-3267  
(713) 238-8000

ATTORNEY FOR APPLICANT



**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	METHOD FOR PREPARING AND PROCESSING A SAMPLE FOR INTENSIVE ANALYSIS																									
Submission Type:	Information Disclosure Statement																									
Application Number:	10/618781	*10/618781*																								
EFS ID:	66932																									
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Confirmation Code</th> <th style="width: 75%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted – Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>7323</td> </tr> <tr> <td>USPTOEFSNotice</td> <td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a></td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted – Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	7323	USPTOEFSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a>																
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First Named Applicant:	Christopher Jones																									
Attorney Docket Number:	1391-34300																									
Timestamp:	2004-08-19 12:19:31 EDT																									
From:	us																									
File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Doc. Name</th> <th style="width: 33%;">File Name</th> <th style="width: 33%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>eIDS.1-usidst.xml</td> <td>2508</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td>7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td>12026</td> </tr> <tr> <td>package-data</td> <td>eIDS.1-pkda.xml</td> <td>1828</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> </tr> <tr> <td align="right" colspan="2">Total files size</td><td>70413</td> </tr> </tbody> </table>		Doc. Name	File Name	Size (Bytes)	us-ids	eIDS.1-usidst.xml	2508	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	eIDS.1-pkda.xml	1828	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		70413
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

AUG 23 2004  
PATENT & TRADEMARK OFFICE

Title of Invention	METHOD FOR PREPARING AND PROCESSING A SAMPLE FOR INTENSIVE ANALYSIS
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Application Number: 10/618781

\*10/618781\*

Confirmation Number: 7323

First Named Applicant: Christopher Jones

Attorney Docket Number: 1391-34300

Art Unit: 1732

Examiner: Michael Colaianni

Search string: ( 5751416 or 5798832 or 6362475 or 6366353 or 6407811 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5751416	1998-05-12	Singh et al.			
	2	5798832	1998-08-15	Hnilica et al.			
	3	6362475	2002-03-26	Bindell et al.			
	4	6366353	2002-04-02	Brown et al.			
	5	6407811	2002-06-18	Snyder et al.			

## Remarks

Note: Remarks are not for responding to an office action.

The submission of this electronic Information Disclosure Statement (eIDS) is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability

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of Applicants' invention under 35 U.S.C. 102 or 103. As a part of this submission, a non-electronic Information Disclosure Statement is being transmitted on this date, and includes a listing of Non-U.S. Patent and Published Applications and other publications of which Applicants are aware.

**Signature**

Examiner Name	Date

**COPY**

Form PTO-1449 (Modified) <i>O I P E</i> AUG 23 2004 P A T E N T & T R A D E M A R K O F F I C E					Atty. Docket No. 1391-34300	Serial No. 10/618,781
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)					Applicant Christopher M. Jones	
					Filing Date July 14, 2003	Group 1732

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation
							YES NO
	B1						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

C1	I. Bauman, <i>Solid-Solid Mixing With Static Mixers</i> , CHEM. BIOCHEM. ENG. Q. 15 (4) 159-165 (2001)
C2	André Bakker, Richard D. LaRoche, and Elizabeth M. Marshall, <i>Laminar Flow in Static Mixers with Helical Elements</i> , Static Mixer, Kenic, Computational Modeling, Laminar Flow, "THE ONLINE CFM BOOK" at <a href="http://www.bakker.org/cfm">http://www.bakker.org/cfm</a> (1998) (Updated: February 15, 2000), pp. 1-11
C3	Joseph F. Becker, Todd B. Sauke, and Max Loewenstein, Stable isotope analysis using tunable diode laser spectroscopy, <i>APPLIED OPTICS</i> (20 April 1992) Vol. 31, No. 12, pp. 1921-1927
C4	Peter Bergamaschi, <i>Measurements of stable isotope ratios (<sup>13</sup>CH<sub>4</sub>/<sup>12</sup>CH<sub>4</sub>; <sup>12</sup>CH<sup>3</sup>D/<sup>12</sup>CH<sub>4</sub>) in landfill methane using a tunable diode laser absorption spectrometer</i> , <i>GLOBAL BIOGEOCHEMICAL CYCLES</i> (December 1995) Vol. 9, No. 4, Pages 439-447
C5	Peter Bergamaschi, Michael Schupp, and Geoffrey W. Harris, <i>High-precision direct measurements of <sup>13</sup>CH<sub>4</sub>/<sup>12</sup>CH<sub>4</sub> and <sup>12</sup>CH<sup>3</sup>D/<sup>12</sup>CH<sub>4</sub> ratios in atmospheric methane sources by means of a long-path tunable diode laser absorption spectrometer</i> , <i>APPLIED OPTICS</i> (20 November 1994) Vol. 33, No. 33, pp. 7704-7715

**EXAMINER**      **DATE CONSIDERED**
**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.